

ABSTRACT

A switching voltage regulator adapted for providing a regulated voltage at an output terminal is described which comprises at least one MOS transistor having a non-drivable terminal coupled with said output terminal and a control circuit receiving a signal that is representative of the current signal flowing in said MOS transistor. The control circuit comprises a compensation device adapted for cancelling the thermal variation of said signal that is representative of the current signal flowing in said MOS transistor.

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